Redundant 10BaseFL Slide-In Card User's Guide

Model #: E-FL/RED-SIC
Manual #: 7339.B 5/94

About the Redundant 10BaseFL Slide-In Card:

The TRANSITION Networks, P/N E-FL/RED-SIC, is a slide-in card that provides a reliable backup feature for the fiber optic connection. The fiber optic cable can extend the transmission distance up to 6,600 feet (2 kilometers).

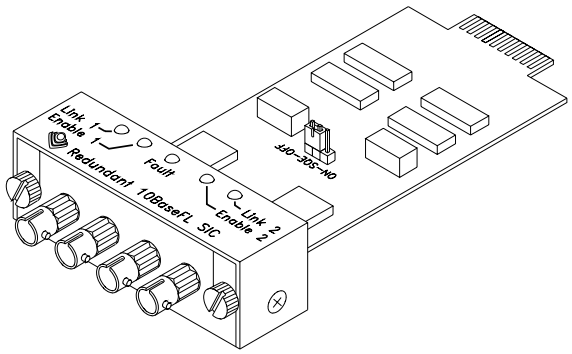

Figure 1 Crossview of the Fiber Redundant Slide-In Card

Specifications:

Fiber Connection:	ST type connectors (SMA type available upon request)
Fiber Optic Cable Maximum Distance:	6,600 feet (2 kilometers)
Fiber Optic Cable Recommended:	62.5 / 125 µm multimode fiber
Optional	100 / 140 µm multimode fiber 85 / 125 µm multimode fiber 50 / 125 µm multimode fiber
Dimensions:	5.50" x 3.00" x 1.00" (13.97cm x 7.62cm x 2.54cm)
Environment:	0–70 degrees C, 5%–90% humidity non-condensing, 0–10,000 feet altitude
Limited Warranty:	Two years

LED's:

Fiber Port:	Link -	Lit green LED indicates the Slide-In Card is receiving link pulsed from a 10Base FL (or FOIRL) compliant device.
	Enable -	Lit green LED indicates current link between fiber connections. Only the active enable (1 or 2) LED will appear.
	Fault -	Lit red LED indicates a break in both fiber links 1 and 2.

SQE Switch:

The SQE (Signal Quality Error) heartbeat selection jumper can be positioned ON to enable the SQE or positioned OFF to disable the SQE. The SQE jumper is located on top of the transceiver printed wiring circuit board. The transceiver SQE is set to the OFF position at the factory. (Refer to Figure 1 on the front page of this guide.)

SQE Enable Position (ON): The transceiver SQE is positioned ON when connected to a workstation or DTE.

SQE Disable Position (OFF): The transceiver SQE is positioned OFF when connected to a Hub or Repeater.

Installation Considerations:

Personnel **can** hot swap, install or remove a Slide-In Card with the hub unit power

The Slide-In cards can only be installed one way, with the components facing up. Carefully guide the Slide-In Card along the card guides, until the Slide-In Card flat connector and internal backplane meet. Carefully seat the connector into the backplane slot. Firmly push the card into the slot until the Slide-In Card face plat is flat against the back of the hub frame. Tighten the thumbscrews of the installed Slide-In Card into the threaded holes on the hub unit.

Technical Support:

For more information about this product or other TRANSITION Networks products your local TRANSITION Networks distributor.

Direct numbers are listed below:

TN Main Phone Numbers:	(800) 325-2725 or (612) 941-7600
TN Technical Support Number:	(800) 260-1312
TN Fax Number:	(612) 941-2322

FCC Regulations:

Note: This equipment has been tested and found to comply with the limits for a C digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to p reasonable protection against harmful interference when the equipment is operate commercial environment. This equipment generates, uses, and can radiate radio f quency energy and, if not used in accordance with the instruction manual, may cause harmful interference to radio communications. Op of this equipment in a residential area is likely to cause harmful interference in which cas user will be required to correct the interference at his own cost.

Canadian Regulations:

Note: This digital apparatus does not exceed the Class A limits for radio noise for apparatus set out on the radio interference regulations of the Canadian Departmen Communications.

Trademark Notice:

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